

IN THE UNITED STATES  
PATENT AND TRADEMARK OFFICE

Declaration and Power of Attorney

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I hereby claim the benefit under Title 35, United States Code, 119(e) of any United States provisional application(s) identified below:

Provisional application No. 60/168282, filed on December 1, 1999.

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **Folded Optical Cross Connect With A Curved Mirror** the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I acknowledge the duty to disclose all information known to me which is material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

None

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

None

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

Thomas J. Bean	(Reg. No. 44528)
Lester H. Birnbaum	(Reg. No. 25830)
Richard J. Botos	(Reg. No. 32016)
Jeffery J. Brosemer	(Reg. No. 36096)
Kenneth M. Brown	(Reg. No. 37590)
Donald P. Dinella	(Reg. No. 39961)
Martin I. Finston	(Reg. No. 31613)
William S. Francos	(Reg. No. 38456)
Barry H. Freedman	(Reg. No. 26166)
Julio A. Garceran	(Reg. No. 37138)
Jimmy Goo	(Reg. No. 36528)
Anthony Grillo	(Reg. No. 36535)
Stephen M. Gurey	(Reg. No. 27336)
John M. Harman	(Reg. No. 38173)
Matthew J. Hodulik	(Reg. No. 36164)
Michael B. Johannesen	(Reg. No. 35557)
Mark A. Kurisko	(Reg. No. 38944)
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Claude R. Narcisse	(Reg. No. 38979)
Joseph J. Opalach	(Reg. No. 36229)
Neil R. Ormos	(Reg. No. 35309)
Eugen E. Pacher	(Reg. No. 29964)
Jack R. Penrod	(Reg. No. 31864)
Gregory C. Ranieri	(Reg. No. 29695)
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Ferdinand M. Romano	(Reg. No. 32752)
Eugene J. Rosenthal	(Reg. No. 36658)
Bruce S. Schneider	(Reg. No. 27949)
Ronald D. Slusky	(Reg. No. 26585)
David L. Smith	(Reg. No. 30592)
Ozer M. N. Teitelbaum	(Reg. No. 36698)
John P. Veschi	(Reg. No. 39058)
David Volejnicek	(Reg. No. 29355)
Charles L. Warren	(Reg. No. 27407)
Jeffrey M. Weinick	(Reg. No. 36304)
Eli Weiss	(Reg. No. 17765)

Please address all correspondence to the Docket Administrator (Rm. 3C-512), Lucent Technologies Inc., 600 Mountain Avenue, P. O. Box 636, Murray Hill, New Jersey 07974-0636. Telephone calls should be made to Ozer M.N. Teitelbaum by dialing 908-582-3246.

Full name of 1st joint inventor: Randy Clinton Giles

Inventor's signature  Date 08/03/2000

Residence: Whippany, Morris County, New Jersey

Citizenship: Canada

Post Office Address: 114 Parsippany Road  
Whippany, New Jersey, 07981

Full name of 2<sup>nd</sup> inventor: David Thomas Neilson

Inventor's signature  Date 08/03/2000

Residence: Old Bridge, Middlesex County, New Jersey

Citizenship: UK

Post Office Address: 11 Eisenhower Drive  
Old Bridge, New Jersey, 08857

<p align="center"><b>CHANGE OF CORRESPONDENCE ADDRESS Application</b></p> <p>Address to: Assistant Commissioner for Patents Washington, D.C. 20231</p>	Application Number	09/641,122
	Filing Date	August 16, 2000
	First Named Inventor	RC Giles, et al.
	Art Unit	2872
	Examiner Name	Ricky D. Shafer
	Attorney Docket Number	GILES 60-5

Please change the Correspondence Address for the above-identified application to:

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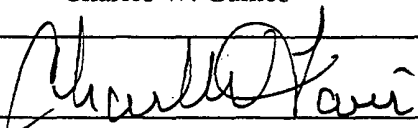
OR

<input type="checkbox"/> <b>Firm or Individual Name</b>					
<b>Address</b>	Hitt Gaines & Boisbrun, P.C.				
<b>Address</b>	P.O. Box 832570				
<b>City</b>	Richardson	<b>State</b>	Texas	<b>ZIP</b>	75083
<b>Country</b>	U.S.A.				
<b>Telephone</b>	(972) 480-8800	<b>Fax</b>	(972) 480-8865		

This form cannot be used to change the data associated with a Customer Number. To change the data associated with an existing Customer Number use "Request for Customer Number Data Change" (PTO/SB/124).

I am the :

- ☐ Applicant/Inventor.
- ☐ Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- ☒ Attorney or Agent of record.
- ☐ Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number 36,804

Typed or Printed Name	Charles W. Gaines
Signature	
Date	03/19/2003

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

☒ \*Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

DOCKET NO. : GILES 60-5

PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

R.C. Giles, *et al.*

Serial No.: 09/641,122

Filed: August 16, 2000

For: FOLDED OPTICAL CROSS CONNECT WITH A CURVED MIRROR

Group No.: 2872

Examiner: Ricky D. Shafer

Commissioner for Patents  
Washington, D. C. 20231

I hereby certify that this correspondence is being deposited with the United States Postal Service by first class mail, on 3/19/03, addressed to: Commissioner for Patents, Washington, D.C. 20231, on 3/19/03.  
(Printed or typed name of person signing the certificate)  
David H. Hitt  
(Signature of the person signing the certificate)

Sir:

ASSOCIATE POWER OF ATTORNEY

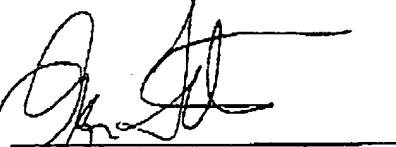
Please recognize:

David H. Hitt, Registration No. 33,182  
Charles W. Gaines, Registration No. 36,804  
Glenn W. Boisbrun, Registration No. 39,615  
Mark E. Kelley, Registration No. 45,857  
Greg H. Parker, Registration No. 44,995  
Jimmy L. Heisz, Registration No. 38,914  
Richard D. Krobusek, Registration No. 44,851  
James Joel Justiss, Registration No. 48,981  
Ron J. Corbett, Registration No. 47,500

of Hitt Gaines & Boisbrun, P.C.; P.O. Box 832570, Richardson, Texas 75083 as our associate attorneys/agents in the above-mentioned application, with full power to prosecute said application, to make alterations and amendments therein, and to transact all business in the Patent and Trademark Office connected therewith.

Telephone calls should be made to Charles W. Gaines by dialing (972) 480-8800.

All written communications are to be addressed to Charles W. Gaines of Hitt Gaines & Boisbrun, P.C.; P.O. Box 832570, Richardson, Texas 75083.

  
Ozer M.N. Teitelbaum  
Attorney for Applicants  
Registration No. 36,698

Date: 3/19/03



**UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office**

ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

NOVEMBER 28, 2000

PTAS

Q OZER M. N. TEITELBAUM  
DOCKET ADMINISTRATOR, ROOM 3C-512  
600 MOUNTAIN AVENUE, P.O. BOX 636  
MURRAY HILL, NJ 07974-0636



\*101480366A\*

**UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 08/16/2000

REEL/FRAME: 011128/0111  
NUMBER OF PAGES: 7

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

**ASSIGNOR:**

GILES, RANDY CLINTON

DOC DATE: 08/03/2000

**ASSIGNOR:**

NEILSON, DAVID THOMAS

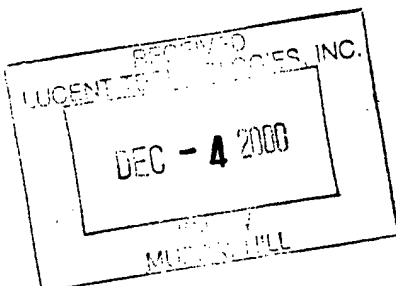
DOC DATE: 08/03/2000

**ASSIGNEE:**

LUCENT TECHNOLOGIES INC.  
600 MOUNTAIN AVENUE  
P.O. BOX 636  
MURRAY HILL, NEW JERSEY 07974-0636

SERIAL NUMBER: 09641122  
PATENT NUMBER:

FILING DATE: 08/16/2000  
ISSUE DATE:



011128/0111 PAGE 2

MARY BENTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



8.16.00

To the Honorable Commissioner of

101480366

attached original documents or copy thereof.

1. Name of conveying party(ies):

1. Randy Clinton Giles
2. David Thomas Neilson
- 3.
- 4.

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date(s): 1: 8/3/00 2\_\_\_\_\_

2. Name and address of receiving party(ies)

Name: Lucent Technologies Inc.

Internal Address: \_\_\_\_\_

Street Address: 600 Mountain Avenue

P.O. Box 636

City: Murray Hill State: NJ ZIP: 07974-0636

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 8/16/00

A. Patent Application No.(s)

B. Patent No.(s)

09641122

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Docket Administrator

Internal Address: Room 3C-512

Street Address: 600 Mountain Avenue

P.O. Box 636

City: Murray Hill State: NJ ZIP: 07974-0636

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)...\$40.00

☐ Enclosed

☒ Authorized to be charged to deposit account

8. Deposit account number: 12-2325

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

10/05/2000 NTHAI1 00000229 122325 09641122

01 FC:561

Ozer M. N. Teitelbaum  
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignment

Washington, D.C. 20231

Case Name & No.: Giles 60-5



## ASSIGNMENT AND AGREEMENT

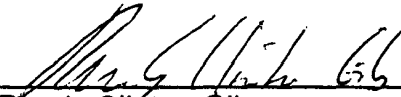
For value received, we, Randy Clinton Giles, of Whippany in the County of Morris and the State of New Jersey, and David Thomas Neilson, of Old Bridge in the County of Middlesex and the State of New Jersey, hereby sell, assign and transfer to Lucent Technologies Inc., a corporation of the State of Delaware, having an office at 600 Mountain Avenue, Murray Hill, New Jersey, 07974-0636, U.S.A. and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Folded Optical Cross Connect With A Curved Mirror** described in an application for Letters Patent of the United States, Serial No. 60/168282, filed December 1, 1999, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Lucent Technologies Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Lucent Technologies Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Lucent Technologies Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Lucent Technologies Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lucent Technologies Inc. may designate.

We agree that, when requested, we shall, without charge to Lucent Technologies Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

  
Randy Clinton Giles

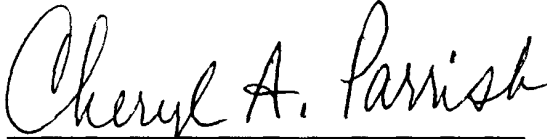
Date: August 3, 2000

United States of America )

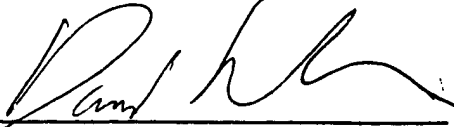
State of New Jersey ) ss.:

County of Monmouth )

On this 3rd day of August, 20 00, before me personally came, Randy Clinton Giles to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

My Commission Expires  
06-04-2004

  
David Thomas Neilson

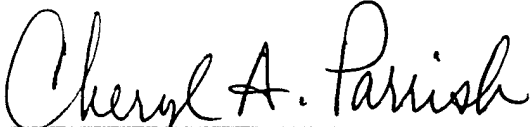
Date: 08/03/2000

United States of America )

State of New Jersey ) ss.:

County of Monmouth )

On this 3<sup>rd</sup> day of August, 20 00, before me personally came, David Thomas Neilson to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

  
Notary Public

My Commission Expires  
06-04-2004

Lucent Technologies Inc.  
600 Mountain Avenue (Room 3C-512)  
P. O. Box 636  
Murray Hill, New Jersey 07974-0636